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iods, and then a discussion of relationships to certain specific forms and other Laminariæ in general. That the species is a polymorphic and somewhat confusing one may judge by the fact that in literature it appears under five generic names with nine different specific combinations.

IN AN ARTICLE entitled "The vitality of some annual plants," reprinted from the October number of the American Journal of Science, Mr. Theo. Holm instances a number of annual plants of which he has found individuals having arrangements for living over winter.

MR. HENRY EGGERT has published a catalogue of the Phanerogams and Pteridophytes in the vicinity of St. Louis, the radius being about 40 miles. This is the first complete list of this interesting region since Geyer's Catalogue of 1842. The list contains about 1100 species, and Mr. Eggert's long and patient study of the St. Louis flora insures a list both complete and accurate.

NOTES AND NEWS.

DR. AUG. F. FOERSTE sailed for Europe the middle of last month, and is now at the Collège de France, Paris.

ON PAGE 273 the GAZETTE tried say that Mr. T. *Kirk* of Wellington, New Zealand, was preparing plants of that country for distribution at 45 *shillings* per century.

DR. ARTHUR MEYER has been called to the professorship of botany in the University of Marburg. Dr. F. G. Kohl, heretofore *privat-docent*, has been made assistant-professor.

DR. HERMANN HOFFMANN, professor of botany in the University of Giessen, is dead at the age of 72. Plant climatology, geography and phænology are the branches to which he gave especial attention. Indeed the latter subject owes most of its present development to his labors.

THREE of the six established scholarships for garden pupils of the Missouri Botanical Garden (St. Louis) are to be awarded before the first of April next. Those who desire full information concerning the great advantages offered by these scholarships, and the conditions upon which they are awarded, should address the Director, Dr. William Trelease.

¹ pp. 292 — 309, with plate XIII.